

FIG.1

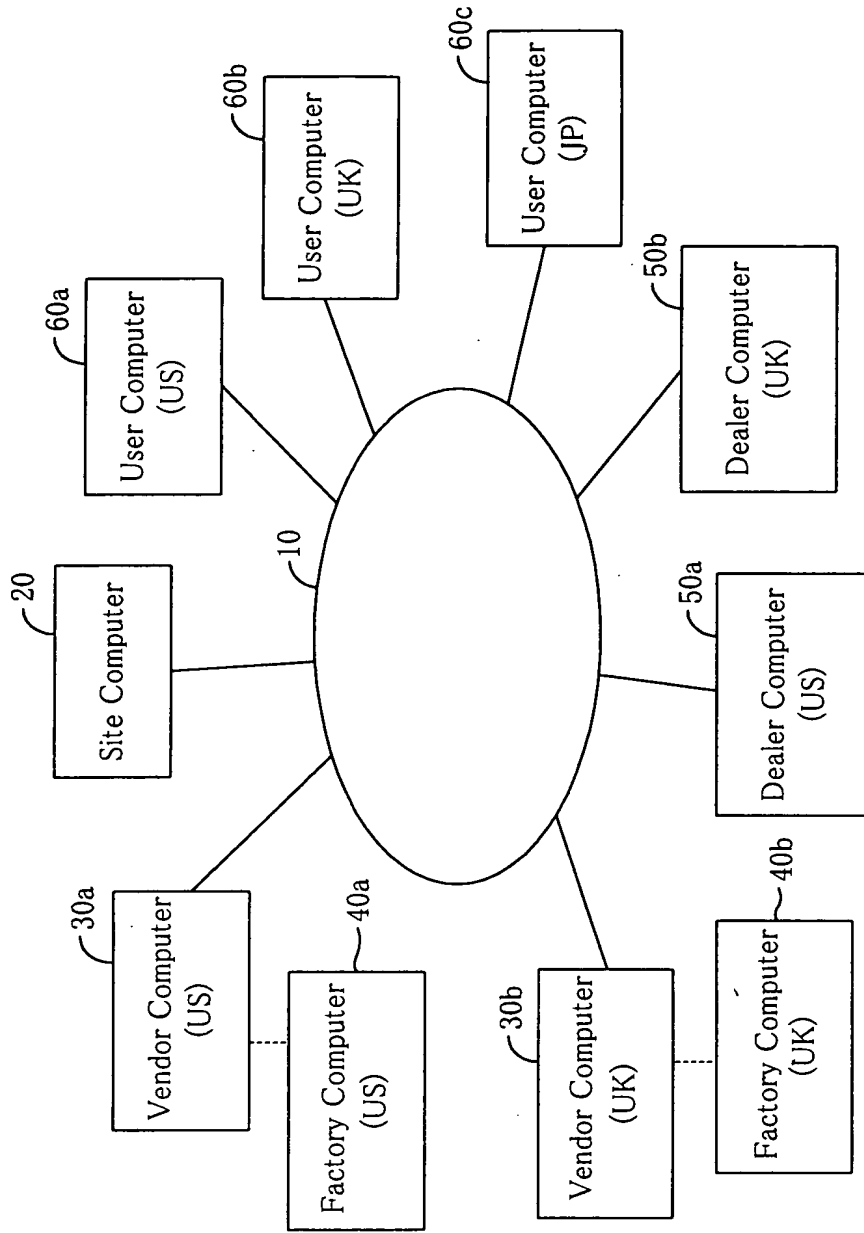
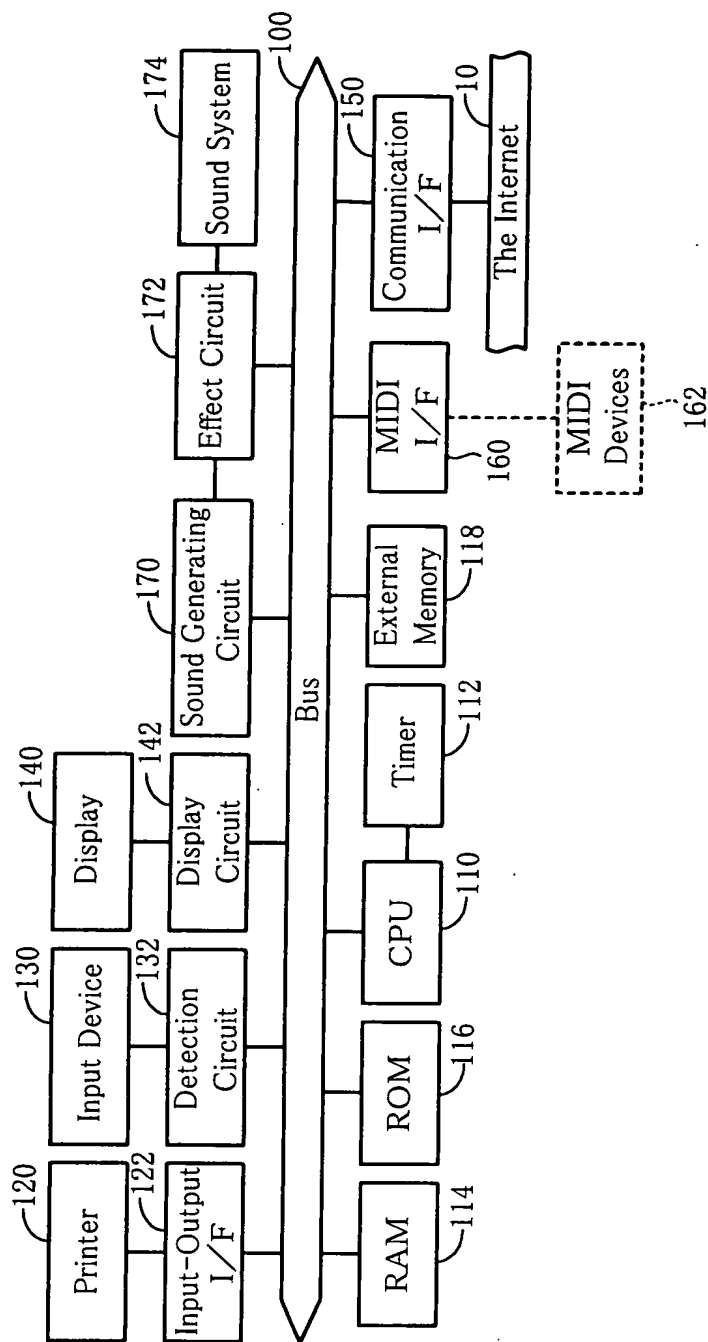


FIG. 2



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sequenceDiagram
    participant Factory as 40a
    participant Site as 20
    participant VendorUS as 30a Vendor (US)
    participant VendorUK as 30b Vendor (UK)
    participant Dealer as 50a
    participant User as 60a
    User->>Site: Log in. U10
    Site->>Site: S10 Determine as general user based on the login ID and apply process for general users
    User->>Site: Order one or more items. U12
    Site->>Site: S12 Accept order.
    Site->>Site: S14 Are any download items included?
    Site-->>Site: YES S16
    Site->>User: Download items. S16
    Site->>VendorUS: S18 Pay royalties
    Site->>VendorUK: S20
    Site->>Site: S22 Are any physical items included?
    Site-->>Site: YES S22
    Site->>VendorUS: Confirm stock. S22
    Site->>VendorUK: S24
    Site->>Site: S24 Are items in stock.?
    Site-->>Site: YES S26
    Site->>VendorUS: Instruct to send out items. S26
    Site->>Factory: S30 Instruct to make items.
    VendorUK->>User: M10 Send out items.
    Factory->>Factory: F10 Make items
    Factory->>Factory: Send out items.
    VendorUK->>VendorUS: S28 Issue bill and statement of delivery. M12
    VendorUS->>VendorUK: Pay prices. S28
    Factory->>VendorUS: S32 Pay royalties.
    Site->>Site: S34 Issue bill and statement of delivery.
    User->>Site: U14 Pay prices.
    
```

The sequence diagram illustrates the process flow for ordering and delivery of items. The participants involved are Factory (40a), Site (20), Vendor (US) (30a), Vendor (UK) (30b), Dealer (50a), and User (60a). The process begins with the User logging in (U10) to the Site. The Site then determines the user as a general user (S10) and applies the general user process. The User places an order (U12), which is accepted by the Site (S12). The Site checks if any download items are included (S14). If yes (S16), the Site downloads the items (S16) and pays royalties (S18) to the Vendor (US). The Site then checks if any physical items are included (S22). If yes (S22), the Site confirms stock (S22) with the Vendor (US) and checks if items are in stock (S24). If yes (S26), the Site instructs to send out items (S26) to the Vendor (US). The Site then instructs the Factory to make items (S30). The Vendor (UK) sends out items (M10) to the User. The Factory makes items (F10) and sends them out. The Vendor (UK) issues a bill and statement of delivery (M12) to the Vendor (US), who pays prices (S28). The Factory pays royalties (S32) to the Vendor (US). The Site issues a bill and statement of delivery (S34) to the User, who pays prices (U14).

FIG.4

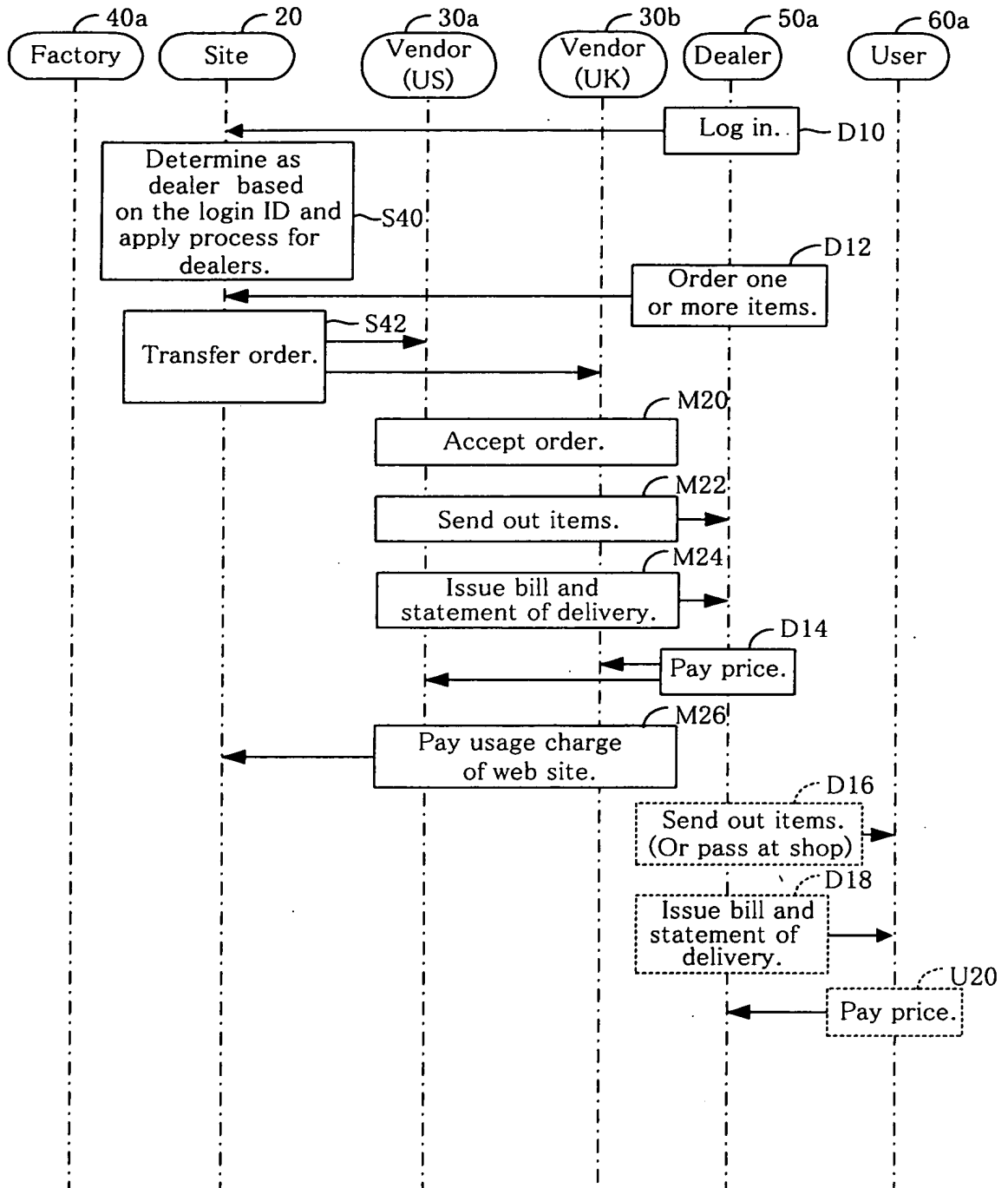


FIG.5

Item Catalogue

'ABC' Retrieval Result

Name of Item	Artist	Form	Price	Vendor	Cart
ABC MIDI Collection	ABC	FD	\$20	US Vendor	<input checked="" type="checkbox"/>
ABC MIDI Collection	ABC	Download	\$20	UK Vendor	<input type="checkbox"/>
ABC MIDI Piano Score	ABC	Download	\$15	US Vendor	<input checked="" type="checkbox"/>
ABC Piano Score	ABC	Book	\$18	US Vendor	<input type="checkbox"/>
ABC Band Score	ABC	Book	\$25	US Vendor	<input checked="" type="checkbox"/>

[ORDER](#)

FIG.6

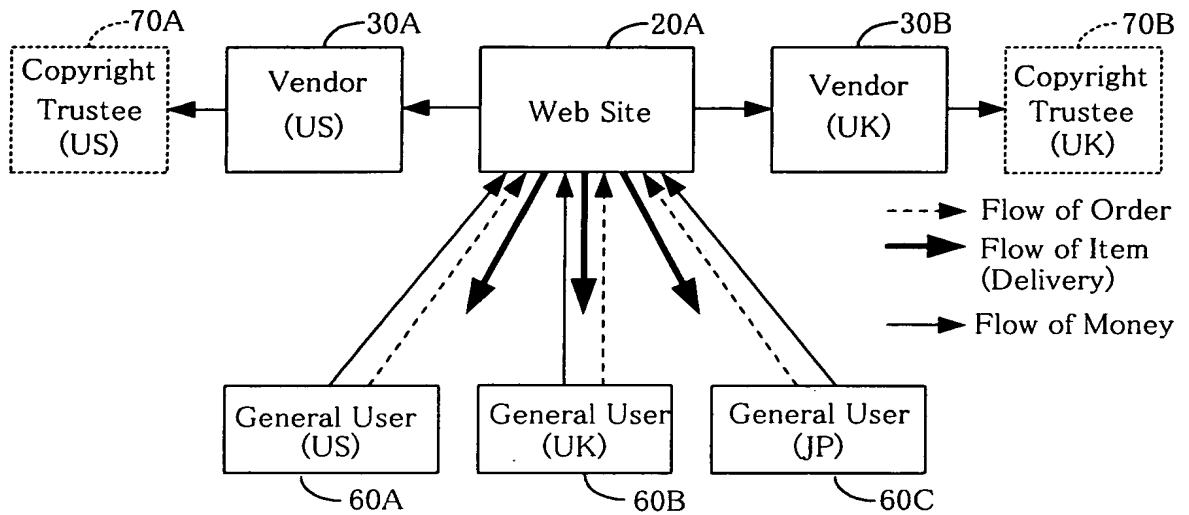


FIG.7

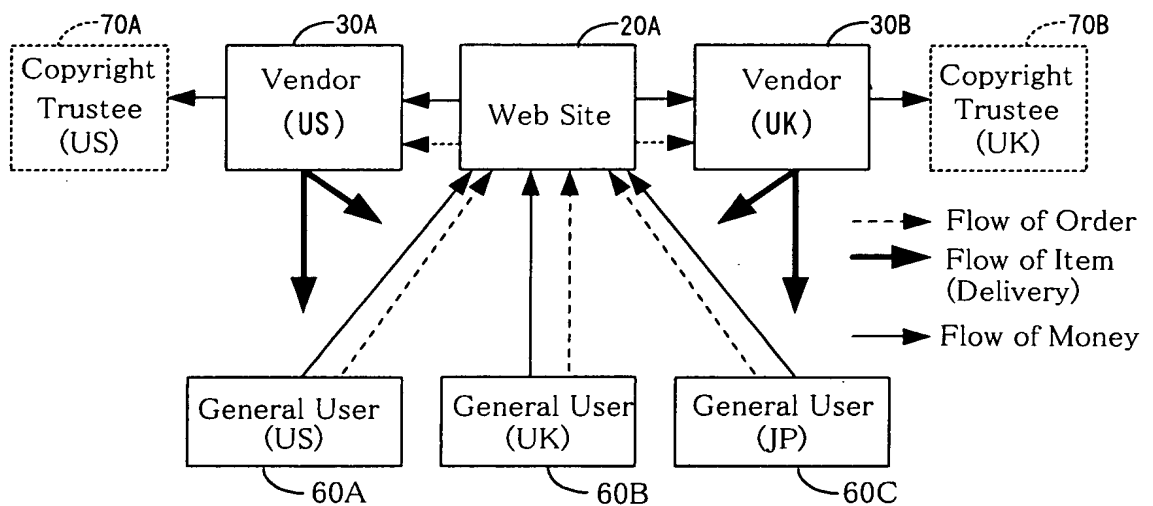


FIG.8

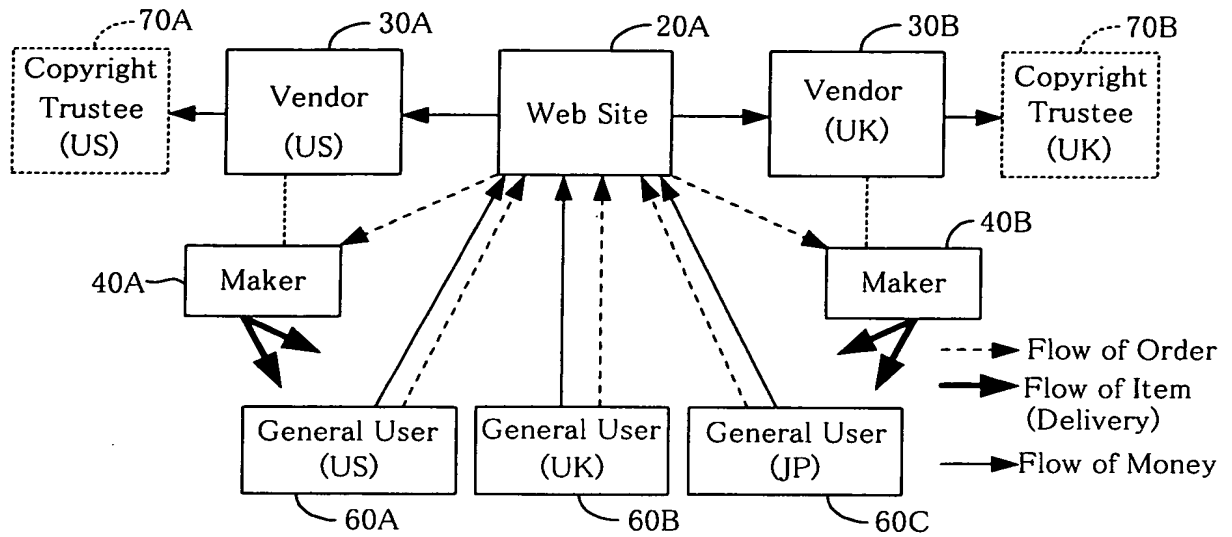


FIG.9

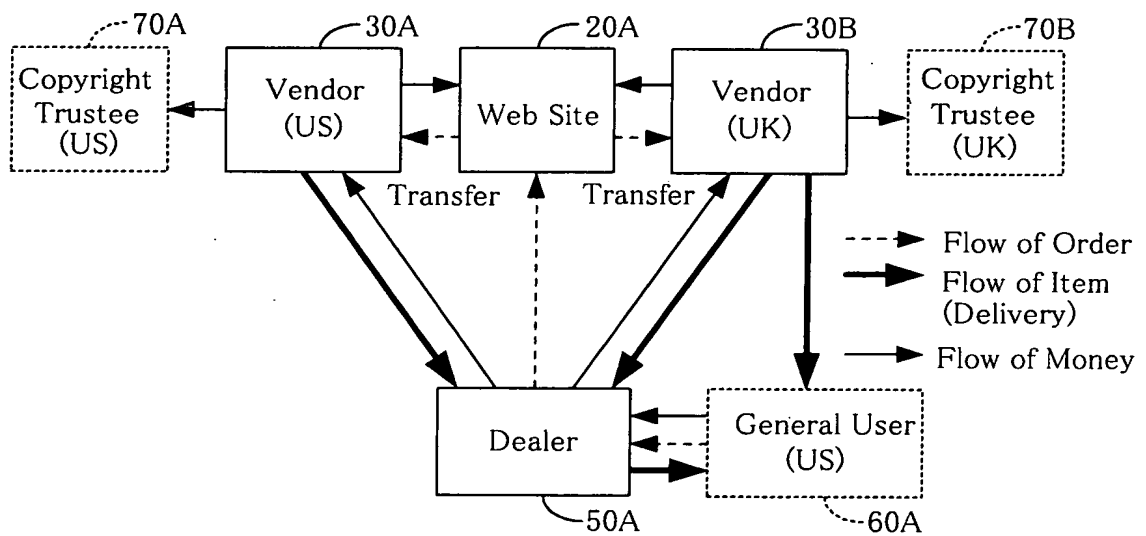


FIG.10

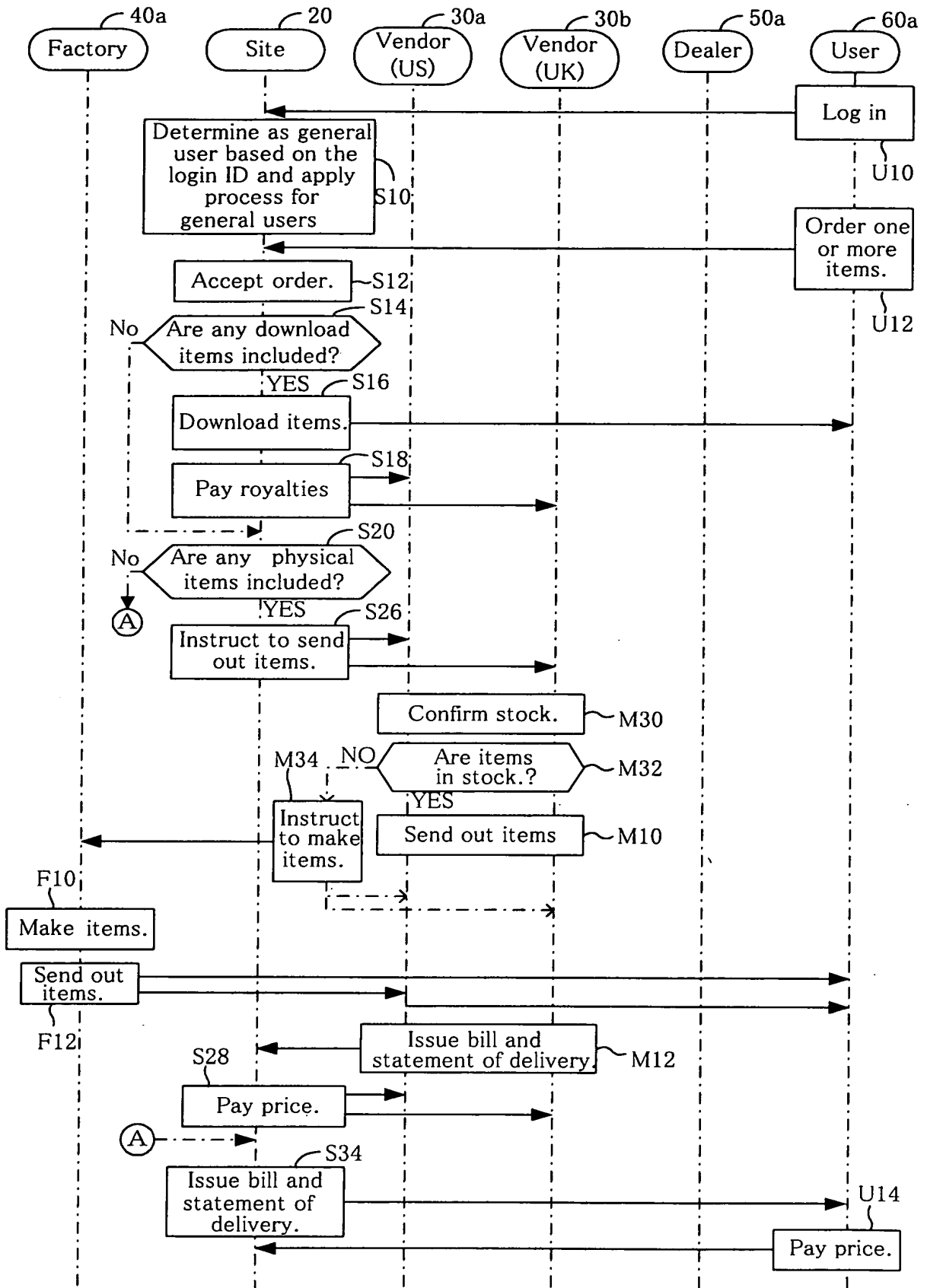


FIG.11

